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 1. Document ID: EP 503383 A1

L8: Entry 1 of 2

File: EPAB

Sep 16, 1992

PUB-NO: EP000503383A1  
 DOCUMENT-IDENTIFIER: EP 503383 A1  
 TITLE: Gypsum board with a high fire resistance.

PUBN-DATE: September 16, 1992

## INVENTOR-INFORMATION:

NAME	COUNTRY
NEUHAUSER, GERHARD DR	DE

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
KNAUF WESTDEUTSCHE GIPS	DE

APPL-NO: EP92103331

APPL-DATE: February 27, 1992

PRIORITY-DATA: DE04107623A (March 9, 1991)

INT-CL (IPC): B28B 11/04; C04B 18/16; C04B 28/14; E04C 2/04  
 EUR-CL (EPC): B32B013/14; C04B028/14; E04C002/04

## ABSTRACT:

The gypsum board of high fire resistance with a gypsum core containing cut mineral fibres, preferably glass fibres, contains at least 2% by weight, preferably 5% by weight, of granulated aerated concrete. Preferably, the granulated aerated concrete has a grain size of up to 2 mm, particularly preferably up to 1 mm. The gypsum board can additionally contain up to 2% by weight of vermiculite. It can be laminated on the outside to a glass fibre mat.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
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 2. Document ID: DE 4107623 C ES 2080357 T3 EP 503383 A1 EP 503383 B1 DE 59204530 G

L8: Entry 2 of 2

File: DWPI

Jun 17, 1992

DERWENT-ACC-NO: 1992-201204

DERWENT-WEEK: 199612

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TITLE: Fire resistant plasterboard - has plaster core contg. cut mineral fibres and aerated concrete granulate

INVENTOR: NEUHAUSER, G

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
GEBR KNAUF WESTDEUT GIPSWERKE	KNAF

PRIORITY-DATA: 1991DE-4107623 (March 9, 1991)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 4107623 C	June 17, 1992		004	C04B028/14
ES 2080357 T3	February 1, 1996		000	C04B018/16
<u>EP 503383 A1</u>	September 16, 1992	G	005	C04B018/16
<u>EP 503383 B1</u>	December 6, 1995	G	005	C04B018/16
DE 59204530 G	January 18, 1996		000	C04B018/16

DESIGNATED-STATES: AT BE CH DE DK ES FR GB IT LI LU NL SE AT BE CH DE DK ES FR GB IT LI LU NL SE

CITED-DOCUMENTS: 1.Jnl.Ref; DE 3308585 ; EP 395165 ; EP 427063 ; FR 2547533 ; JP 54040093 ; US 3376147 ; 01Jnl.Ref

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 4107623C	March 9, 1991	1991DE-4107623	
ES 2080357T3	February 27, 1992	1992EP-0103331	
ES 2080357T3		EP 503383	Based on
EP 503383A1	February 27, 1992	1992EP-0103331	
EP 503383B1	February 27, 1992	1992EP-0103331	
DE 59204530G	February 27, 1992	1992DE-0504530	
DE 59204530G	February 27, 1992	1992EP-0103331	
DE 59204530G		EP 503383	Based on

INT-CL (IPC): B28B 11/04; B32B 13/02; B32B 13/14; C04B 11/00; C04B 14/20; C04B 18/16; C04B 28/14; C04B 32/02; C04B 38/00 ; C09K 21/02; E04B 1/94; E04C 2/04; E04C 2/26

ABSTRACTED-PUB-NO: DE 4107623C

## BASIC-ABSTRACT:

Plasterboard having high fire resistance has a plaster core (I) contg. cut mineral fibres, esp. glass fibres. (I) contains at least 2 wt% pref. 5-10 wt% aerated concrete granulate (II).

Pref. (I) also contains up to 2 wt% vermiculite and is pref. externally coated with glass fibre web. Pref. the glass fibre web is coated on the side facing away from (I), with an inorganic binder which is at least partly hardened. Pref. (II) has a grain size up to 2mm, pref. up to 1mm.

ADVANTAGE - Less expensive additives are used.

ABSTRACTED-PUB-NO:

EP 503383B

## EQUIVALENT-ABSTRACTS:

Gypsum board with high fire resistance having a gypsum core containing cut mineral fibres, especially glass fibres, characterised in that said gypsum core contains at least 2% by weight of aerated concrete granules and said granules have grain size of up to 2 mm, preferably up to 1 mm.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS: FIRE RESISTANCE PLASTERBOARD PLASTER CORE CONTAIN CUT MINERAL FIBRE  
AERATE CONCRETE GRANULE

DERWENT-CLASS: L02 P64 P73 Q43 Q44

CPI-CODES: L02-D03; L02-D07A;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1503U; 1508U ; 1510U ; 1544U ; 1694U ; 1767U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-091535

Non-CPI Secondary Accession Numbers: N1992-152258

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